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From: Ritchey, Gail (COT)
Sent: Wednesday, August 06, 2008 1:28 PM
To: COT Constitutional CIO Security Contacts; COT Cabinet CIO Security Contacts; CTC Members
Cc: COT Exchange Administrators; COT Security Alert Contacts; COT Security Contact COT-Support; COT Security Contact Pass; COT Security Contact Self-Support; COT Technical Contacts; SecurityContacts Group
Subject: COT Security Alert: DNS Threat Escalates
Importance: High

COT Security Alert

We have recently received a security advisory from Microsoft that a DNS vulnerability could allow DNS spoofing if proper mitigation steps are not taken promptly. Microsoft has elevated the status of the vulnerability to High. Agencies with DNS servers are urged to take immediate action to ensure their DNS servers are updated.

In the attack, DNS Spoofing could allow a remote attacker to redirect network traffic intended for systems on the Internet to the attacker's own systems. DNS Server and DNS Clients are vulnerable if using Microsoft Windows 2000, Windows XP, Windows Server 2003 and Windows Server 2008, (including Server Core but not Itanium-based systems). Windows Vista and Windows Server 2008 for Itanium-based systems are not affected.

Microsoft has supplied update MS08-037 to address this vulnerability. Information on the update and issues that may be encountered are found at http://support.microsoft.com/kb/953230. The update may be found at http://www.microsoft.com/technet/security/bulletin/ms08-037.mspx (expand "Security Update Deployment" to find the files).

Additional Resources:

- Microsoft Security Advisory 956187 - *Increased Threat for DNS Spoofing Vulnerability* - http://www.microsoft.com/technet/security/advisory/956187.mspx
- MSRC Blog: http://blogs.technet.com/msrc

NOTICE: COT is providing this information so that you are aware of the latest security threats, vulnerabilities, software patches, etc. You should consult with your network administrator or other technical resources to ensure that the appropriate actions for these alerts are followed. If you are a network administrator and need additional information, please call the Help Desk at 502.564.7576.

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